

## TECHNICAL DATA SHEET

<b>PRODUCT</b>	<b>LCC 4301</b>
<b>Max Service Temperature</b>	1460 °C
<b>CHEMICAL COMPOSITION</b>	%
Al <sub>2</sub> O <sub>3</sub>	42 – 44
SiO <sub>2</sub>	51 – 53
Fe <sub>2</sub> O <sub>3</sub>	1.3 - 1.6
<b>Water Required to Mix (%)</b>	7.0 – 8.0
<b>PHYSICAL PROPERTIES</b>	
<b>After Drying at 110 °C for 24 hrs</b>	
Bulk Density	≥ 2.25 g/cm <sup>3</sup>
Cold Compressive Strength	≥ 450 kg/cm <sup>2</sup>
Linear Change	0.0 %
<b>After Preheating at 1450 °C for 5 hrs</b>	
Bulk Density	≥ 2.25 g/cm <sup>3</sup>
Cold Compressive Strength	≥ 550 kg/cm <sup>2</sup>
Linear Change	± 0.5 %
<b>Water/Mix Temperature</b>	<b>20±5 °C</b>
<b>Mixing Time (min): Dry/Wet</b>	<b>2/5</b>

The data given in this technical information sheet have been determined as average values on test specimens.